

## **ABSTRACT**

Embodiments of the present invention allow a method, device, software and apparatus to adjust a system parameter, such as a page closing time value, in order to enhance a processing device performance. For example, a method  
5 includes initializing a page closing time value by a BIOS software component. A processing device, such as a computer, operates responsive to the page closing time value. For example, the computer executes a graphic display software program. An operational value, such as a difference between page hits and page misses, is obtained while executing the software program and compared to a  
10 threshold value. The page closing time value is then adjusted responsive to the comparison. In an alternate embodiment of the present invention, an adaptive circuit is included in a memory controller and includes a first counter capable to obtain a number of page hits and a second counter capable to obtain a number of page misses. Comparator logic is coupled to the first and second counters and  
15 outputs a page closing time adjust signal.